# Michigan Behavioral Risk Factor Surveillance System

**Selected Tables from the 2000 Survey** 

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Health Administration
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517-335-9080

#### **Health Care Access**

2000 Michigan BRFS (percentages with 95% confidence interval limits)

Demographic Characteristics		ılth Care Ages 18	e Coverage 8+1		st Preve octor V			tine Che Last Ye	
TOTAL	93.7	±	1.1	8.9	±	1.2	75.5	±	1.9
AGE									
18-24 Years	82.5	±	5.7	16.0	±	5.4	72.8	$\pm$	6.3
25-34 Years	91.9	$\pm$	2.7	9.7	±	2.9	70.4	$\pm$	4.6
35-44 Years	93.2	$\pm$	2.2	11.4	$\pm$	2.9	67.1	$\pm$	4.2
45-54 Years	96.3	$\pm$	1.7	6.1	$\pm$	2.2	75.0	$\pm$	4.1
55-64 Years	95.9	$\pm$	2.3	5.7	±	2.5	83.6	±	4.3
65-74 Years	100.0	$\pm$	0.0	5.1	±	2.8	87.3	±	4.5
75+ Years	100.0	±	0.0	4.4	±	3.2	91.5	±	4.2
GENDER									
Male	93.1	±	1.7	6.3	±	1.6	67.9	±	3.0
Female	94.2	±	1.4	11.3	±	1.8	82.3	±	2.2
RACE		-							
White	94.5	±	1.2	8.5	±	1.4	73.5	±	2.1
Black	90.0	±	3.9	11.0	±	3.8	83.7	±	4.3
EDUCATION									
Less than High School	88.7	±	5.0	15.0	±	5.1	75.3	±	6.4
High School Graduate	91.6	±	2.3	9.2	±	2.2	76.0	±	3.3
Some College	94.5	$\pm$	1.9	8.9	±	2.3	74.9	±	3.4
College Graduate	97.7	±	1.0	5.7	±	1.8	74.7	$\pm$	3.5
HOUSEHOLD INCOME									
<\$20,000	86.3	±	4.1	18.9	±	4.5	80.5	±	4.7
\$20,000-34,999	91.7	±	2.6	12.5	±	2.9	77.3	±	3.9
\$35,000-49,999	95.9	$\pm$	2.1	7.0	±	2.9	71.5	±	4.8
\$50,000-74,999	97.8	$\pm$	1.6	4.0	±	2.2	70.1	±	4.8
\$\$75,000	98.4	±	1.5	2.4	±	2.0	75.0	±	4.4

<sup>&</sup>lt;sup>1</sup>Proportion of respondents aged 18 and older who reported they had any kind of health care coverage.

<sup>&</sup>lt;sup>2</sup>Proportion of respondents who reported that there was a time during the previous 12 months when they needed to see a doctor but could not because of the cost.

<sup>&</sup>lt;sup>3</sup>Proportion of respondents who reported that they had a routine checkup within the past year.

#### **Health Status**

2000 Michigan BRFS

(percentages and means, with 95% confidence interval limits)

Demographic Characteristics	General Health Fair or Poor <sup>1</sup> (percentage)	Physical Health Poor <sup>2</sup> (mean days)	Mental Health Poor <sup>3</sup> (mean days)	Limited Activity <sup>4</sup> (mean days)
TOTAL	13.7 ± 1.4	3.3 ± 0.3	3.6 ± 0.3	1.9 ± 0.2
AGE 18-24 Years 25-34 Years 35-44 Years 45-54 Years 55-64 Years 65-74 Years	$6.5   \pm   3.4  5.4   \pm   2.1  8.7   \pm   2.5  16.1   \pm   3.4  19.9   \pm   4.6  21.8   \pm   5.1$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$5.7   \pm 1.3$ $3.9   \pm 0.7$ $3.9   \pm 0.7$ $3.6   \pm 0.7$ $2.8   \pm 0.7$ $1.5   \pm 0.6$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
75+ Years  GENDER  Male  Female	$36.6 \pm 7.1$ $12.7 \pm 2.1$ $14.6 \pm 1.9$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccc} 2.2 & \pm & 1.0 \\ 2.7 & \pm & 0.5 \\ 4.4 & \pm & 0.5 \end{array} $	$2.9 \pm 1.3$ $1.6 \pm 0.3$ $2.2 \pm 0.3$
RACE White Black	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$3.3 \pm 0.3 \\ 3.7 \pm 0.9$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{rcl} 1.8 & \pm & 0.3 \\ 2.1 & \pm & 0.7 \end{array} $
EDUCATION  Less than High School  High School Graduate  Some College  College Graduate	$ \begin{array}{rcl} 28.4 & \pm & 6.1 \\ 17.0 & \pm & 2.7 \\ 10.8 & \pm & 2.3 \\ 7.0 & \pm & 2.1 \end{array} $	$\begin{array}{ccccc} 5.8 & \pm & 1.3 \\ 3.6 & \pm & 0.5 \\ 3.3 & \pm & 0.6 \\ 2.2 & \pm & 0.5 \end{array}$	$\begin{array}{cccc} 5.7 & \pm & 1.5 \\ 3.6 & \pm & 0.5 \\ 4.0 & \pm & 0.6 \\ 2.5 & \pm & 0.5 \end{array}$	$\begin{array}{cccc} 3.3 & \pm & 1.1 \\ 2.3 & \pm & 0.5 \\ 1.8 & \pm & 0.4 \\ 0.9 & \pm & 0.2 \end{array}$
HOUSEHOLD INCOME <\$20,000 \$20,000-34,999 \$35,000-49,999 \$50,000-74,999 \$\$75,000	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$5.5   \pm 1.1  4.0   \pm 0.7  3.5   \pm 0.8  2.9   \pm 0.7  2.3   \pm 0.5$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$

<sup>&</sup>lt;sup>1</sup>Proportion of respondents who said that their health, in general, was fair or poor.

<sup>&</sup>lt;sup>2</sup>Mean number of days during the past 30 days in which physical health (including illness and injury) was not good.

<sup>&</sup>lt;sup>3</sup>Mean number of days during the past 30 days in which mental health (including stress, depression, and problems with emotions) was not good.

<sup>&</sup>lt;sup>4</sup>Mean number of days during the past 30 days in which poor physical or mental health kept respondent from doing usual activities, such as self-care, work, or recreation.

# Diabetes 2000 Michigan BRFS (percentages with 95% confidence interval limits)

Demographic Characteristics	Ever Told Have Diabetes 1		
TOTAL	7.1	±	1.0
AGE			
18-34 Years	0.9	±	0.7
35-44 Years	4.3	$\pm$	1.8
45-54 Years	7.1	$\pm$	2.3
55-64 Years	16.8	$\pm$	4.3
65-74 Years	16.0	$\pm$	4.8
75+ Years	15.2	±	5.4
GENDER			
Male	7.4	±	1.5
Female	6.8	$\pm$	1.4
RACE			
White	6.2	±	1.0
Black	12.3	±	3.8
EDUCATION			
Less than High School	14.1	±	4.4
High School Graduate	7.7	±	1.9
Some College	6.5	±	1.8
College Graduate	4.1	±	1.6
HOUSEHOLD INCOME			
<\$20,000	13.0	±	3.8
\$20,000-34,999	7.5	±	2.3
\$35,000-49,999	7.3	±	2.5
\$50,000-74,999	5.3	±	2.2
\$\$75,000	3.8	±	1.9

<sup>&</sup>lt;sup>1</sup> Proportion of respondents who reported that they had ever been told by a doctor that they had diabetes (gestational diabetes excluded).

## Cigarette Smoking Status 2000 Michigan BRFS

Demographic Characteristics	Current Smoker 1	Former Smoker <sup>2</sup>	Never Smoked
TOTAL	24.0 ± 1.8	25.0 ± 1.8	50.9 ± 2.1
AGE			
18-24 Years	$28.7 \pm 6.5$	$11.4 \pm 4.4$	$60.0 \pm 7.0$
25-34 Years	$28.9 \pm 4.5$	$13.2 \pm 3.3$	$57.9 \pm 4.9$
35-44 Years	$30.3 \pm 4.2$	$20.2 \pm 3.6$	$49.5 \pm 4.5$
45-54 Years	$24.2 \pm 4.0$	$30.9 \pm 4.3$	$44.9 \pm 4.7$
55-64 Years	$19.7 \pm 4.5$	$37.6 \pm 5.7$	$42.6 \pm 5.7$
65-74 Years	$12.4 \pm 4.4$	$43.6 \pm 6.4$	$44.0 \pm 6.4$
75+ Years	$6.4 \pm 3.8$	$35.7 \pm 7.1$	$57.9 \pm 7.3$
GENDER			
Male	$26.4 \pm 2.8$	$26.8 \pm 2.8$	$46.9 \pm 3.2$
Female	$21.9 \pm 2.4$	$23.4 \pm 2.3$	$54.6 \pm 2.8$
RACE			
White	$22.8 \pm 2.0$	$26.7 \pm 2.0$	$50.5 \pm 2.3$
Black	$30.9 \pm 5.8$	$15.2 \pm 4.3$	53.9 ± 6.1
EDUCATION			
Less than High School	$35.8 \pm 6.7$	$27.7 \pm 6.0$	$36.6 \pm 6.7$
High School Graduate	$30.0 \pm 3.5$	$24.5 \pm 3.1$	$45.6 \pm 3.8$
Some College	$25.3 \pm 3.4$	$24.6 \pm 3.3$	$50.1 \pm 3.9$
College Graduate	$10.8 \pm 2.5$	$24.5 \pm 3.4$	$64.7 \pm 3.8$
HOUSEHOLD INCOME			
<\$20,000	$31.7 \pm 5.7$	$21.9 \pm 4.7$	$46.4 \pm 5.9$
\$20,000-34,999	$27.6 \pm 4.1$	$27.1 \pm 3.8$	$45.3 \pm 4.4$
\$35,000-49,999	$30.0 \pm 4.8$	$22.7 \pm 4.3$	$47.3 \pm 5.2$
\$50,000-74,999	$22.2 \pm 4.2$	$23.6 \pm 4.3$	54.2 ± 5.1
\$\$75,000	$14.2 \pm 3.5$	$27.7 \pm 4.4$	$58.1 \pm 5.0$

<sup>&</sup>lt;sup>1</sup>Proportion of respondents who reported that they had ever smoked at least 100 cigarettes in their life and that they smoke cigarettes now.

<sup>&</sup>lt;sup>2</sup>Proportion of respondents who reported that they had ever smoked at least 100 cigarettes in their life but that they do not smoke cigarettes now.

# Cigarettes Smoked per Day Among Current Smokers<sup>1</sup> 2000 Michigan BRFS (percentages and means with 95% confidence interval limits)

Demographic Characteristics	1-19 Cigarettes Per Day (percentage)	20-39 Cigarettes Per Day (percentage)	40+ Cigarettes Per Day (percentage)	Number of Cigarettes Per Day (mean)		
TOTAL	60.6 ± 4.4	35.8 ± 4.3	3.7 ± 1.6	15.1 ± 0.9		
AGE 18-34 Years 35-54 Years 55+ Years	$72.0 \pm 7.1$ $53.6 \pm 6.4$ $53.1 \pm 10.3$	$ \begin{array}{rcl} 27.3 & \pm & 7.0 \\ 41.1 & \pm & 6.3 \\ 40.8 & \pm & 10.1 \end{array} $	$ \begin{array}{cccc} 0.7 & \pm & \\ 5.3 & \pm & 0.9^* \\ 6.1 & \pm & 2.9 \\ & & 4.8 \end{array} $	$ \begin{array}{rcl} 12.6 & \pm & 1.2 \\ 16.7 & \pm & 1.4 \\ 16.5 & \pm & 2.3 \end{array} $		
GENDER Male Female	58.0 ± 6.3 63.4 ± 6.0	$37.1 \pm 6.2$ $34.3 \pm 5.9$	4.9 ± 2.5 2.3 ± 1.9	16.1 ± 1.4 14.0 ± 1.1		
RACE White Black	55.8 ± 5.0 80.9 ± 8.9	39.8 ± 4.9 17.6 ± 8.7	$\begin{array}{cccc} 4.3 & \pm & 1.9 \\ 1.5 & \pm & \\ & & 2.1^* \end{array}$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		
EDUCATION  Less than High School  High School Graduate  Some College  College Graduate	$46.9 \pm 12.3$ $61.5 \pm 6.9$ $63.2 \pm 7.4$ $69.0 \pm 11.0$	$44.8 \pm 12.3  36.4 \pm 6.8  33.1 \pm 7.2  27.7 \pm 10.8$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$   \begin{array}{rcrr}     17.8 & \pm & 2.9 \\     14.8 & \pm & 1.4 \\     14.6 & \pm & 1.5 \\     14.0 & \pm & 2.1 \\   \end{array} $		
HOUSEHOLD INCOME <\$20,000 \$20,000-34,999 \$\$35,000	58.2 ± 10.8 63.0 ± 8.7 59.1 ± 6.4	$ 37.4 \pm 10.7  30.6 \pm 8.4  38.4 \pm 6.3 $	$\begin{array}{cccc} 4.4 & \pm & 3.7 \\ 6.5 & \pm & 4.2 \\ 2.5 & \pm & 2.0 \end{array}$	$ \begin{array}{rcl} 15.2 & \pm & 2.2 \\ 15.2 & \pm & 2.1 \\ 15.3 & \pm & 1.2 \end{array} $		

<sup>&</sup>lt;sup>1</sup> n=615.

<sup>\*</sup>Confidence interval (95%) exceeds range of possible estimates.

# Quitting Behaviors Among Smokers 2000 Michigan BRFS (percentages with 95% confidence interval limits)

Demographic Characteristics		Tried to Quit Smoking One Day or Longer in Past Year <sup>1</sup>			Advised by Doctor About Stop Smoking Program <sup>2</sup>		
TOTAL	59.1	±	4.9	52.7	±	4.4	
AGE							
18-34 Years	69.5	$\pm$	8.1	37.3	$\pm$	7.3	
35-54 Years	53.2	$\pm$	6.9	62.5	$\pm$	6.2	
55+ Years	53.2	±	11.3	61.5	±	9.8	
GENDER							
Male	58.7	±	7.0	44.9	±	6.2	
Female	59.5	$\pm$	6.7	61.1	±	6.0	
RACE							
White	56.6	±	5.5	54.7	$\pm$	4.9	
Black	73.4	$\pm$	10.9	44.3	±	11.2	
EDUCATION							
Less than High School	57.6	±	13.1	40.8	±	11.4	
High School Graduate	62.1	±	7.4	48.9	±	7.0	
Some College	57.5	$\pm$	8.6	60.4	$\pm$	7.6	
College Graduate	57.2	$\pm$	14.0	60.1	±	11.8	
HOUSEHOLD							
INCOME	60.3	±	11.5	41.3	$\pm$	10.7	
<\$20,000	61.8	±	9.9	51.9	±	8.8	
\$20,000-34,999	53.9	$\pm$	11.1	52.7	±	9.8	
\$35,000-49,999	63.5	$\pm$	11.0	59.1	$\pm$	10.6	
\$50,000-74,999	48.0	$\pm$	16.3	68.0	$\pm$	12.4	
\$\$75,000							

<sup>&</sup>lt;sup>1</sup>Among current daily smokers (n=482). <sup>2</sup>Among all current smokers (n=615).

### Weight Status<sup>1</sup>

2000 Michigan BRFS

(percentages with 95% confidence interval limits)

Demographic Characteristics	Overweight	Healthy Weight	Underweight
TOTAL	37.1 ± 2.1	58.7 ± 2.2	4.3 ± 0.9
AGE			
18-24 Years	$24.2 \pm 6.4$	$66.6 \pm 7.1$	$9.2 \pm 4.2$
25-34 Years	$35.0 \pm 4.9$	$61.3 \pm 5.0$	$3.8 \pm 1.9$
35-44 Years	$33.6 \pm 4.3$	$62.7 \pm 4.4$	$3.7 \pm 1.7$
45-54 Years	$46.5 \pm 4.8$	$50.3 \pm 4.8$	$3.2 \pm 1.6$
55-64 Years	$42.7 \pm 5.9$	$54.1 \pm 5.9$	$3.1 \pm 2.2$
65-74 Years	$45.2 \pm 6.7$	$52.4 \pm 6.7$	$2.4 \pm 2.1$
75+ Years	$32.5 \pm 7.3$	$61.9 \pm 7.5$	$5.6 \pm 3.4$
GENDER			
Male	$37.5 \pm 3.2$	$59.2 \pm 3.2$	$3.3 \pm 1.2$
Female	$36.7 \pm 2.8$	$58.1 \pm 2.9$	$5.2 \pm 1.4$
RACE			
White	$36.0 \pm 2.3$	$59.8 \pm 2.4$	$4.2 \pm 1.0$
Black	$46.6 \pm 6.3$	$49.5 \pm 6.3$	$4.0 \pm 2.5$
EDUCATION			
Less than High School	$41.7 \pm 7.1$	$51.1 \pm 7.2$	$7.2 \pm 3.5$
High School Graduate	$40.4 \pm 3.8$	$55.1 \pm 3.8$	$4.5 \pm 1.6$
Some College	$34.2 \pm 3.8$	$61.9 \pm 3.9$	$3.9 \pm 1.6$
College Graduate	$34.1 \pm 3.9$	$62.6 \pm 4.0$	$3.3 \pm 1.5$
HOUSEHOLD INCOME			
<\$20,000	$43.8 \pm 6.0$	$50.2 \pm 6.1$	$6.1 \pm 3.0$
\$20,000-34,999	$39.1 \pm 4.4$	$57.1 \pm 4.5$	$3.7 \pm 1.7$
\$35,000-49,999	$43.1 \pm 5.3$	$53.8 \pm 5.4$	$3.1 \pm 2.0$
\$50,000-74,999	$33.6 \pm 4.9$	$62.6 \pm 5.1$	$3.8 \pm 2.0$
\$\$75,000	$29.2 \pm 4.6$	$66.8 \pm 4.8$	$3.9 \pm 1.9$

¹Prevalence estimates for weight status were based on body mass index (BMI) as calculated from the self-reported weight and height measurements. Body mass index is defined as weight (in kilograms) divided by height (in meters) squared [weight in kg/(height in meters)²]. Weight status categories were defined as follows: Overweight: (\$85th percentile) \$27.8 BMI for males and \$27.3 BMI for females; Healthy Weight: (>15th and <85th percentile) >20.7 to <27.8 BMI for males and >19.1 to <27.3 BMI for females; Underweight: (#15th percentile) #20.7 BMI for males and #19.1 BMI for females. Pregnant women were excluded from this analysis.

### Weight Status<sup>1</sup>

2000 Michigan BRFS

(percentages with 95% confidence interval limits)

Demographic Characteristics	Obese	Overweight	Healthy Weight	Underweight
TOTAL	22.5 ± 1.8	38.6 ± 2.1	37.1 ± 2.1	1.7 ± 0.6
AGE				
18-24 Years	$12.4 \pm 4.7$	$32.1 \pm 7.2$	$51.6 \pm 7.5$	$3.9 \pm 2.8$
25-34 Years	$19.1 \pm 4.1$	$39.4 \pm 5.1$	$40.3 \pm 5.0$	$1.1 \pm 1.0$
35-44 Years	$20.1 \pm 3.6$	$41.7 \pm 4.5$	$36.8 \pm 4.4$	$1.4 \pm 0.9$
45-54 Years	$33.9 \pm 4.7$	$33.4 \pm 4.5$	$31.5 \pm 4.4$	$1.1 \pm 1.0$
55-64 Years	$25.0 \pm 5.1$	$42.7 \pm 5.9$	$31.1 \pm 5.4$	$1.2 \pm 1.3^*$
65-74 Years	$29.0 \pm 6.3$	$41.9 \pm 6.7$	$27.9 \pm 5.8$	$1.2 \pm 1.6^*$
75+ Years	$15.8 \pm 5.6$	$40.3 \pm 7.7$	$40.5 \pm 7.4$	$3.4 \pm 2.9$
GENDER				
Male	$22.6 \pm 2.7$	$48.5 \pm 3.2$	$28.7 \pm 2.9$	$0.3 \pm 0.3$
Female	$22.4 \pm 2.4$	$28.9 \pm 2.7$	$45.5 \pm 2.9$	$3.2 \pm 1.1$
RACE				
White	$21.6 \pm 2.0$	$38.7 \pm 2.4$	$38.1 \pm 2.3$	$1.6 \pm 0.6$
Black	$29.9 \pm 5.7$	$37.2 \pm 6.1$	$30.3 \pm 5.7$	$2.5 \pm 2.0$
EDUCATION				
Less than High School	$24.0 \pm 6.0$	$40.4 \pm 7.2$	$32.5 \pm 6.6$	$3.1 \pm 2.5$
High School Graduate	$25.5 \pm 3.3$	$38.0 \pm 3.7$	$34.7 \pm 3.7$	$1.8 \pm 0.9$
Some College	$20.3 \pm 3.1$	$37.3 \pm 3.9$	$40.7 \pm 3.9$	$1.6 \pm 1.1$
College Graduate	$20.3 \pm 3.4$	$40.1 \pm 4.1$	$38.3 \pm 4.0$	$1.2 \pm 0.9$
HOUSEHOLD INCOME				
<\$20,000	$27.0 \pm 5.3$	$36.9 \pm 6.0$	$32.6 \pm 5.5$	$3.6 \pm 2.5$
\$20,000-34,999	$23.8 \pm 3.7$	$39.4 \pm 4.5$	$35.3 \pm 4.3$	$1.5 \pm 1.0$
\$35,000-49,999	$25.7 \pm 4.7$	$38.8 \pm 5.2$	$34.9 \pm 5.1$	$0.6 \pm 0.7^*$
\$50,000-74,999	$20.3 \pm 4.3$	$40.8 \pm 5.1$	$36.9 \pm 5.1$	$2.0 \pm 1.5$
\$\$75,000	$18.1 \pm 4.0$	$40.1 \pm 5.1$	$40.5 \pm 5.0$	$1.3 \pm 1.0$

<sup>1</sup>Prevalence estimates for weight status were based on body mass index (BMI) as calculated from the self-reported weight and height measurements. Body mass index is defined as weight (in kilograms) divided by height (in meters) squared [weight in kg/(height in meters)<sup>2</sup>]. Weight status categories were defined as follows: Obese BMI \$ 30, Overweight BMI 25.0 - 29.9, Healthy Weight BMI 18.5 - 24.9, and Underweight BMI < 18.5. Pregnant women were excluded from this analysis.

\*Confidence interval (95%) exceeds possible limits.

## Daily Consumption of Fruits and Vegetables

2000 Michigan BRFS

Demographic Characteristics	Fruit and Fruit Juice (mean times per day)		Fruits & Vegetables (mean times per day)	5 Fruits & Vegetables Daily (percentages) <sup>3</sup>
TOTAL	1.6 ± 0.1	2.2 ± 0.1	3.8 ± 0.1	22.8 ± 1.8
AGE 18-24 Years 25-34 Years 35-44 Years 45-54 Years 55-64 Years 65-74 Years	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{rcl} 1.8 & \pm & 0.2 \\ 2.0 & \pm & 0.1 \\ 2.2 & \pm & 0.1 \\ 2.2 & \pm & 0.1 \\ 2.4 & \pm & 0.2 \\ 2.4 & \pm & 0.2 \end{array} $	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{rcl} 15.8 & \pm & 5.4 \\ 17.3 & \pm & 3.7 \\ 22.5 & \pm & 3.7 \\ 20.1 & \pm & 3.8 \\ 29.4 & \pm & 5.2 \\ 27.9 & \pm & 6.1 \end{array} $
75+ Years  GENDER  Male  Female	$ \begin{array}{ccccc} 2.1 & \pm & 0.2 \\ 1.5 & \pm & 0.1 \\ 1.7 & \pm & 0.1 \end{array} $	$ \begin{array}{cccc} 2.7 & \pm & 0.3 \\ 2.0 & \pm & 0.1 \\ 2.3 & \pm & 0.1 \end{array} $	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
RACE White Black	$\begin{array}{cccc} 1.6 & \pm & 0.1 \\ 1.7 & \pm & 0.2 \end{array}$	2.2 ± 0.1 2.1 ± 0.2	$3.7 \pm 0.1$ $3.8 \pm 0.3$	22.4 ± 1.9 23.5 ± 5.5
EDUCATION  Less than High School  High School Graduate  Some College  College Graduate	$ \begin{array}{ccccc} 1.6 & \pm & 0.2 \\ 1.5 & \pm & 0.1 \\ 1.5 & \pm & 0.1 \\ 1.7 & \pm & 0.1 \end{array} $	$\begin{array}{cccc} 2.1 & \pm & 0.2 \\ 2.1 & \pm & 0.1 \\ 2.2 & \pm & 0.1 \\ 2.3 & \pm & 0.1 \end{array}$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
HOUSEHOLD INCOME <\$20,000 \$20,000-34,999 \$35,000-49,999 \$50,000-74,999 \$75,000	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$ 30.8 \pm 5.9 \\ 18.7 \pm 3.4 \\ 21.7 \pm 4.2 \\ 19.8 \pm 4.1 \\ 23.6 \pm 4.2 $

<sup>&</sup>lt;sup>1</sup>Sum of reported frequencies of usual fruit juice and fruit consumption (two questions).

<sup>&</sup>lt;sup>2</sup>Sum of reported frequencies of usual consumption of green salad, potatoes, carrots, and all other vegetables (four questions).

<sup>&</sup>lt;sup>3</sup>Proportion of respondents whose total reported consumption of fruits (including juice) and vegetables was five or more times per day.

#### **Leisure-Time Physical Activity**

2000 Michigan BRFS

Demographic Characteristics	No	Activit	ty 1	<3 time 20 minu			<5 tim 30 min	nes per ute ses	
TOTAL	23.3	±	1.8	49.7	±	2.2	74.6	±	1.9
AGE			ļ						
18-24 Years	18.6	$\pm$	5.5	43.1	$\pm$	7.2	72.0	$\pm$	6.5
25-34 Years	20.8	$\pm$	3.9	51.0	$\pm$	4.9	74.2	$\pm$	4.4
35-44 Years	19.7	$\pm$	3.6	49.0	$\pm$	4.5	75.7	$\pm$	3.9
45-54 Years	25.5	$\pm$	4.1	52.8	$\pm$	4.8	78.2	$\pm$	4.0
55-64 Years	23.0	$\pm$	4.9	44.3	$\pm$	5.9	70.2	$\pm$	5.4
65-74 Years	27.4	±	5.8	48.5	$\pm$	6.7	70.7	$\pm$	6.0
75+ Years	38.3	±	7.2	61.5	±	7.6	78.6	±	6.4
GENDER									
Male	19.7	±	2.6	47.3	±	3.3	73.3	±	2.9
Female	26.6	±	2.5	51.9	$\pm$	2.8	75.7	$\pm$	2.5
RACE									
White	21.4	±	1.9	48.1	±	2.4	74.1	±	2.1
Black	33.5	±	5.8	58.9	$\pm$	6.2	77.8	$\pm$	5.4
EDUCATION									
Less than High School	33.0	±	6.3	62.2	±	7.1	79.9	$\pm$	6.0
High School Graduate	29.3	±	3.4	56.4	$\pm$	3.8	78.0	$\pm$	3.2
Some College	22.0	±	3.1	48.0	±	3.9	72.9	±	3.5
College Graduate	13.0	±	2.9	38.6	±	4.0	70.4	$\pm$	3.7
HOUSEHOLD INCOME									
<\$20,000	32.0	±	5.3	60.6	±	6.0	78.4	±	5.2
\$20,000-34,999	25.1	±	3.9	49.3	±	4.5	76.5	±	3.8
\$35,000-49,999	23.6	±	4.5	49.6	±	5.3	75.7	±	4.6
\$50,000-74,999	20.1	±	4.1	46.2	±	5.2	70.8	±	4.7
\$\$75,000	14.0	±	3.5	40.6	±	5.0	70.3	±	4.7

<sup>&</sup>lt;sup>1</sup>Proportion of respondents who said they did <u>not</u> participate in any physical activities, recreation, or exercises in their leisure time (such as running, golf, or walking for exercise) within the past month. <sup>2</sup>Proportion of respondents who said they did <u>not</u> participate in leisure-time physical activities (such as running, golf, or walking for exercise) three or more times per week for a minimum of 20 minutes per session, within the past month.

<sup>&</sup>lt;sup>3</sup>Proportion of respondents who said they did <u>not</u> engage in leisure-time physical activity (such as running, golf, or walking for exercise) for a minimum of 30 minutes 5 times per week, within the past month.

### Clinical Breast Exam Among Women 20 Years and Older<sup>1</sup>

2000 Michigan BRFS

Demographic Characteristics		er Had C Breast E			Had Appropriately-timed Screening Clinical Breast Exam		
TOTAL	91.4	±	1.6	79.6	±	2.4	
AGE							
20-29 Years	87.7	$\pm$	5.1	84.2	±	5.7	
30-39 Years	96.8	±	1.9	94.0	±	2.7	
40-49 Years	97.0	±	2.1	76.2	±	5.7	
50-59 Years	94.7	±	3.0	80.8	$\pm$	5.6	
60-69 Years	86.9	±	6.0	70.1	$\pm$	7.9	
70 + Years	79.6	±	6.2	61.4	±	7.7	
RACE							
White	92.8	±	1.6	80.3	$\pm$	2.6	
Black	85.8	±	6.0	76.9	±	7.1	
EDUCATION							
Less than High School	79.9	$\pm$	7.5	66.3	$\pm$	9.4	
High School Graduate	89.9	$\pm$	3.1	75.4	$\pm$	4.6	
Some College	92.6	$\pm$	2.6	80.7	$\pm$	4.1	
College Graduate	97.0	±	2.0	88.7	$\pm$	3.5	
HOUSEHOLD INCOME							
<\$20,000	82.1	±	5.6	67.2	±	7.1	
\$20,000-34,999	92.4	±	3.3	80.6	$\pm$	4.9	
\$35,000-49,999	93.8	$\pm$	3.9	84.5	$\pm$	5.7	
\$50,000-74,999	97.1	$\pm$	2.7	86.8	$\pm$	5.3	
\$\$75,000	95.2	$\pm$	3.5	83.3	$\pm$	5.6	

<sup>&</sup>lt;sup>1</sup>n=1437.

<sup>&</sup>lt;sup>2</sup>Proportion of female respondents 20 years of age and older whose last clinical breast exam was within the previous three years for women 20-39 years and within the previous year for women 40 years of age and older. Respondents whose last clinical breast exam was done because of breast cancer or other breast problems were not included in this analysis.

### Mammography Use Among Women 40 Years and Older<sup>1</sup>

2000 Michigan BRFS

Demographic Characteristics	Ever Had Mammogram	Mammography Screening in Past Year <sup>2</sup>	Mammography and Clinical Breast Screening in Past Year <sup>3</sup>
TOTAL	91.2 ± 2.1	69.1 ± 3.5	58.4 ± 3.7
AGE 40-49 Years 50-64 Years 65+ Years	86.8 ± 4.4 95.1 ± 2.6 91.6 ± 3.3	$58.9 \pm 6.5$ $79.2 \pm 4.8$ $69.6 \pm 6.2$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
RACE White Black	90.8 ± 2.3 94.2 ± 4.5	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	59.2 ± 4.0 53.2 ± 11.9
EDUCATION  Less than High School  High School Graduate  Some College  College Graduate	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$54.4   \pm   11.5$ $71.8   \pm   5.6$ $66.1   \pm   6.8$ $74.8   \pm   6.5$	$36.8 \pm 11.1$ $57.6 \pm 6.2$ $57.7 \pm 7.1$ $69.8 \pm 6.8$
HOUSEHOLD INCOME <\$20,000 \$20,000-34,999 \$35,000-49,999 \$50,000-74,999 \$\$75,000	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$ 56.5 & \pm & 9.0 \\ 73.3 & \pm & 7.0 \\ 66.6 & \pm & 9.5 \\ 74.9 & \pm & 8.6 \\ 70.4 & \pm & 8.7 $	$\begin{array}{cccccccccccccccccccccccccccccccccccc$

<sup>&</sup>lt;sup>1</sup>n=925.

<sup>&</sup>lt;sup>2</sup>Proportion of female respondents 40 years and older who reported having had a routine mammogram within the past year. Respondents whose last mammogram was done because of breast cancer or other breast problems were not included in this analysis.

<sup>&</sup>lt;sup>3</sup>Proportion of female respondents aged 40 and older who had both a clinical breast exam and a mammography screening within the previous year.

## Cervical Cancer Screening Among Women 18 Years and Older $^{\mbox{\tiny 1}}$ 2000 Michigan BRFS

Demographic Characteristics	Ever Had Pap Test				Pap Screening Within Past 3 Years <sup>2</sup>		
TOTAL	94.8	±	1.5		86.2	±	2.1
AGE							
18-29 Years	84.4	±	5.6		81.8	±	6.2
30-39 Years	98.8	±	*		94.2	±	2.9
40-49 Years	99.1	±	1.3*		92.6	±	3.6
50-59 Years	98.0	±	*		91.3	±	4.0
60-69 Years	97.5	±	1.1*		84.2	±	6.0
70+ Years	92.4	±			66.9	±	7.4
			2.2*				
<u> </u>	1		2.6*				
<u>'</u>	1		3.9				
<b> </b>	<del> </del>			$\dashv$			
RACE	1						
White	94.9	$\pm$	1.6		86.0	±	2.3
Black	94.1	±	4.1		86.5	±	6.3
EDUCATION							
Less than High School	88.4	±	6.8		71.7	$\pm$	9.5
High School Graduate	95.6	±	2.1		86.1	±	3.6
Some College	94.6	±	2.7		85.3	±	3.9
College Graduate	96.7	±	2.5		92.4	±	3.2
HOUSEHOLD INCOME							
<\$20,000	90.8	±	4.9		76.1	±	7.1
\$20,000-34,999	96.4	±	2.3		84.2	±	4.6
\$35,000-49,999	96.6	±	2.9		91.8	±	4.1
\$50,000-74,999	98.6	±			93.7	±	3.6
\$\$75,000	94.4	±	1.8*		89.6	±	5.1
1			4.3				
'	<u> </u>		1.5				

 $<sup>^{1}</sup>$ n=1473.

<sup>&</sup>lt;sup>2</sup>Respondents whose last Pap test was done because of a problem were not included in this analysis.

<sup>\*</sup>Confidence interval (95%) exceeds possible limits.

#### **Attitudes Toward Condom Use** Among 18-64-Year-Olds<sup>1</sup>

2000 Michigan BRFS (percentages with 95% confidence interval limits)

Demographic Characteristics		Would Encourage Condom Use Among Sexually Active Teens <sup>2</sup>				
TOTAL	90.3	±	1.4			
AGE						
18-24 Years	95.5	±	3.0			
25-34 Years	91.3	±	2.7			
35-44 Years	88.4	$\pm$	2.8			
45-54 Years	89.2	$\pm$	3.0			
55-64 Years	88.6	±	3.8			
GENDER						
Male	90.7	±	2.0			
Female	90.0	±	1.9			
RACE						
White	89.8	±	1.5			
Black	93.8	±	3.1			
EDUCATION	1					
Less than High School	97.0	±	2.5			
High School Graduate	92.3	±	2.1			
Some College	89.2	土	2.6			
College Graduate	87.2	±	2.9			
HOUSEHOLD INCOME						
<\$20,000	93.0	±	3.9			
\$20,000-34,999	93.0	±	2.5			
\$35,000-49,999	89.1	±	3.4			
\$50,000-74,999	86.4	$\pm$	3.7			
\$\$75,000	90.6	±	2.9			

<sup>&</sup>lt;sup>1</sup>n=2134.

<sup>&</sup>lt;sup>2</sup>Proportion of respondents who reported that if they had a teenager who was sexually active they would encourage him or her to use a condom. "Would give other advice" [7.5% ( $\pm 1.2$ )] was considered a valid response.

# HIV/AIDS Perceived Risk and Screening Among 18-64-Year-Olds $^{\rm 1}$ $_{\rm 2000~Michigan~BRFS}$

Demographic Characteristics			ng Getting Medium <sup>2</sup>		ver Tes for HIV			Tested for HIV in Past 12 Months		
TOTAL	6.5	±	1.2	48.8	±	2.4	15.8	±	1.8	
AGE										
18-24 Years	9.0	$\pm$	4.3	36.9	$\pm$	6.9	17.9	$\pm$	5.5	
25-34 Years	8.4	$\pm$	2.8	66.5	$\pm$	4.7	21.6	±	4.2	
35-44 Years	5.2	$\pm$	1.9	58.3	$\pm$	4.5	13.5	±	3.2	
45-54 Years	6.1	±	2.2	37.2	±	4.6	14.2	$\pm$	3.5	
55-64 Years	3.9	±	2.2	29.9	±	5.4	10.0	±	3.6	
GENDER										
Male	6.3	$\pm$	1.7	46.5	$\pm$	3.5	15.6	$\pm$	2.6	
Female	6.8	±	1.6	51.0	±	3.2	16.0	±	2.5	
RACE										
White	5.8	$\pm$	1.2	45.2	$\pm$	2.6	12.7	$\pm$	1.8	
Black	10.3	±	4.3	70.2	±	6.0	33.1	$\pm$	6.4	
EDUCATION										
Less than High School	12.0	$\pm$	6.3	47.1	$\pm$	9.1	22.2	$\pm$	7.4	
High School Graduate	7.9	±	2.4	47.3	±	4.3	14.9	$\pm$	3.2	
Some College	4.9	±	1.6	52.9	±	4.2	17.7	$\pm$	3.3	
College Graduate	5.0	±	1.8	46.2	±	4.3	12.8	$\pm$	3.0	
HOUSEHOLD INCOME										
<\$20,000	10.8	$\pm$	4.9	55.3	$\pm$	7.6	26.4	$\pm$	7.0	
\$20,000-34,999	6.8	$\pm$	2.5	47.9	$\pm$	5.2	15.6	$\pm$	3.8	
\$35,000-49,999	5.8	±	2.6	52.1	±	5.5	15.1	$\pm$	3.9	
\$50,000-74,999	5.1	±	2.3	46.0	±	5.4	10.1	$\pm$	3.4	
\$\$75,000	4.6	$\pm$	2.2	51.4	$\pm$	5.2	16.3	±	3.9	

 $<sup>^{1}</sup>$ n=2134.

<sup>&</sup>lt;sup>2</sup>Proportion of respondents who reported "high" or "medium" to the question "What are your chances of getting infected with HIV, the virus that causes AIDS?"

<sup>&</sup>lt;sup>3</sup>Proportion of respondents who said "yes" to the question "Have you ever had your blood tested for HIV?" "Don't know" (3.4%) was considered a valid response.

#### **Prevalence of Asthma**

2000 Michigan BRFS

Demographic Characteristics	Ever Told Asthma 1			Still Has Asthma <sup>2</sup>			
TOTAL	9.8	±	1.2	7.3	±	1.1	
AGE		_			_	_	
18-24 Years	10.9	土	4.5	8.7	$\pm$	4.1	
25-34 Years	9.0	±	2.8	5.8	$\pm$	2.2	
35-44 Years	10.1	±	2.7	6.7	$\pm$	2.2	
45-54 Years	9.7	±	2.6	7.7	$\pm$	2.4	
55-64 Years	13.8	±	3.9	10.5	$\pm$	3.5	
65-74 Years	7.1	土	3.3	4.9	±	2.6	
75+ Years	7.7	±	4.0	7.4	±	3.9	
GENDER							
Male	7.8	$\pm$	1.7	4.9	$\pm$	1.4	
Female	11.7	±	1.8	9.4	±	1.6	
RACE							
White	10.3	±	1.4	7.8	±	1.2	
Black	6.7	±	2.9	3.4	±	1.9	
EDUCATION							
Less than High School	8.1	±	3.4	6.9	±	3.1	
High School Graduate	9.4	土	2.2	6.5	±	1.8	
Some College	9.2	±	2.3	5.7	$\pm$	1.7	
College Graduate	11.5	$\pm$	2.5	9.5	$\pm$	2.4	
HOUSEHOLD INCOME							
<\$20,000	14.0	±	4.2	12.0	±	3.9	
\$20,000-34,999	7.5	±	2.2	4.7	±	1.7	
\$35,000-49,999	9.1	土	3.2	6.7	±	2.8	
\$50,000-74,999	10.8	±	3.2	8.1	±	2.7	
\$\$75,000	10.5	土	3.0	6.4	±	2.4	

<sup>&</sup>lt;sup>1</sup>Proportion of all respondents who reported that they had ever been told by a doctor that they had asthma.

<sup>&</sup>lt;sup>2</sup>Proportion of all respondents who reported that they still had asthma.